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U.S. PATENT DOCUMENTS										
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING II APPROP	?		
	AA					·				
	AB				<del> </del>					
	AC	5,675,253	10/07/97	Smith, et al.	324	306				
	AD	5,687,090	11/11/97	Chen, et al.	364	496				
	AE	5,740,033	04/14/98	Wassick, et al.	364	149				
	AF	6,047,221	04/04/00	Piche, et al.	700	44				
	AG									
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	AI					MAR (	<b>6</b> 200	2		
	AJ				Tec	hnology	Center	2100		
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			FOREIG	N PATENT DOCUMENTS		,				
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO			
	AL	WO 97/12300	03/APR/97	PCT						
	AM	DE 198 24 433 A1	02/DEC/99	German				х		
	AN	WO 99/14642	25/MAR/99	PCT						
	AO									
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	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Btc.)									
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PTO-1449 REPRODUCED  INFORMATION DISCLOSURE CITATION  IN AN APPLICATION				ATTORNEY DOCKET NO. 1086.2002-001		APPLICATION NO. Not Assigned Yet			
				APPLICANT Paul Turner et al.					
June 27, 2001 (Use several sheets if necessary)				FILING DATE June 27, 2001	GROUP Not As	GROUP Not Assigned Yet			
U.S. PATENT DOCUMENTS									
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING II APPROP	?	
Peyal	AB	5,933,345	Aug. 3, 1999	Martin et al.	364	164	PT0 86		
ayed	АВ	5,477,444	Dec. 19, 1995	Bhat et al.	364	152	, v. s /8925	721/1	
	AC						88		
	AD			·			- 44		
	AE				<u> </u>			•	
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	AL								
	AN				<u> </u>				
	AN								
	AO	·			<u> </u>				
	AP	·							
	AQ								
		OTHER DOCUMENTS	(Including Au	thor, Title, Date, Pertinen	t Pages,	Btc.)			
Piche, S.W., "The Second Derivative of a Recurrent Network." Conference Proceedings IEEE Conference on Neural Networks, IEEE, 0-7803-1901-X94: 245-250 (1994).									
Caycel	AS	Bishop, C., "Exact Calculation of the Hessian Matrix for the Multilayer Perception," Neural Computation, 4: 494-501 (1992).							
ayıl	AT	Werbos, P.J., "Forms of Backpropagation for Sensitivity Analysis, Optimization, and Neural Networks." In <i>The Roots of Backpropagation</i> , John Wiley & Sons, Inc. eds. (NY: John Wiley & Sons, Inc.) pp.256-294, (1994).							
examiner ayul Sharon Date considered 2/2/05									

PTO-1449 REPRODUCED  INFORMATION DISCLOSURE CITATION IN AN APPLICATION  June 27, 2001  (Use several sheets if necessary)				ATTORNEY DOCKET NO. APPLICATION NO. Not Assigned Yet						
				APPLICANT Paul Turner et al.						
				FILING DATE GROUP June 27, 2001 Not Assigned Yet						
		<u> </u>	v.s.	PATENT DOCUMENTS						
EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE			
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FOREIGN PATENT DOCUMENTS										
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			<del> </del>							
					<u> </u>		<u>.</u>			
	_			thor, Title, Date, Pertinen						
	AU	Hartman, E., "Training Feedforward Neural Networks with Gain Constraints," Neural Computation, 12: 811-829 (2000).								
	AV	Huafang, N., Hunkeler, D., "Prediction of copolymer composition drift using artificial neural networks: copolymerization of acrylamide with quaternary ammonium cationic monomers," <i>Polymer</i> , vol. 38, no. 3, pp. 667-675 (February 1997).								
	AW	Kulawski, G.J., Brdys, M.A., "Stable adaptive control with recurrent networks," Automatica, vol. 36, pp. 5-22 (2000).								
	AX	Lindskog, P., Ljung, L., "Ensuring monotonic gain characteristics in estimated modes by fuzzy model structures," Automatica, vol. 36, pp.311-317 (2000).								
·	AY	Molga, E.J., van Woezik, B.A.A., Westerterp, K.R., "Neural networks for modeling of chemical reaction systems with complex kinetics: oxidation of 2-octanol with nitric acid," Chemical Engineering and Processing, vol. 39, no. 4, pp. 323-334 (July 2000).								
	AZ	Neuroth, M., MacConnell, P., Stronach, F., Vamplew, P., "Improved modeling and control of oil and gas transport facility operations using artificial intelligence," Knowledge Based Systems, vol. 13, no. 2, pp. 81-92, (April 2000).								
	AR2	Yaser, S., Abu-Mostafa, "Machines that learn from hints," Scientific American, pp. 64-69, (April 1995).								
	AS2	Zhang, J., Morris, A.J., Martin, E.B., Kiparissides, C., "Estimation of impurity and fouling in batch polymerisation reactors through application of neural networks," Computers in Chemical Engineering, vol. 23, no. 3, pp. 301-314, (February 1999).								
EXAMIN	EXAMINER Cyal Sharcon DATE CONSIDERED - 2/2/05									